

|   |  |   |  |   |  |  |  |
|---|--|---|--|---|--|--|--|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |  |   |  | 1. Contract ID Code<br>Firm-Fixed-Price   |  | Page 1 Of 7  |  |
| 2. Amendment/Modification No.<br><br>0004   |  | 3. Effective Date<br><br>2006JUL17  |  | 4. Requisition/Purchase Req No.<br><br>SEE SCHEDULE   |  | 5. Project No. (If applicable)   |  |
| 6. Issued By<br>Code<br>W52P1J<br><br>HQ ARMY SUSTAINMENT COMMAND<br>AMSAS-ACA-M<br>RYAN PIERCE (309)782-8446<br>ROCK ISLAND, IL 61299-6500<br>BLDGS 350 & 390<br>EMAIL: RYAN.C.PIERCE@US.ARMY.MIL  |  | 7. Administered By (If other than Item 6)<br>Code<br><br><div style="display: flex; justify-content: space-around; margin-top: 10px;"><span>SCD</span><span>PAS</span><span>ADP PT</span></div> |  |   |  |  |  |
| 8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)   |  |   |  | <input checked="" type="checkbox"/> 9A. Amendment Of Solicitation No.<br><br>W52P1J-06-R-0150 |  |  |  |
|   |  |   |  | <input type="checkbox"/> 9B. Dated (See Item 11)<br>2006JUN26                                 |  |  |  |
|   |  |   |  | <input type="checkbox"/> 10A. Modification Of Contract/Order No.                              |  |  |  |
|   |  |   |  | <input type="checkbox"/> 10B. Dated (See Item 13)   |  |  |  |
| Code  |  | Facility Code   |  |   |  |  |  |
| <b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>  |  |   |  |   |  |  |  |
| <input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers<br><div style="margin-left: 40px;"><input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended.</div> <p>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:<br/>(a) By completing items 8 and 15, and returning <u>2 signed</u> copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. <b>FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.</b> If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p> |  |   |  |   |  |  |  |
| 12. Accounting And Appropriation Data (If required)   |  |   |  |   |  |  |  |
| <b>13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS</b><br>It Modifies The Contract/Order No. As Described In Item 14.   |  |   |  |   |  |  |  |
| <div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> A. This Change Order is Issued Pursuant To:<br/>The Contract/Order No. In Item 10A.</div><div>The Changes Set Forth In Item 14 Are Made In</div></div>  |  |   |  |   |  |  |  |
| <input type="checkbox"/> B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.)<br>Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).   |  |   |  |   |  |  |  |
| <input type="checkbox"/> C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of:   |  |   |  |   |  |  |  |
| <input type="checkbox"/> D. Other (Specify type of modification and authority)  |  |   |  |   |  |  |  |
| E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.   |  |   |  |   |  |  |  |
| 14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)<br><br>SEE SECOND PAGE FOR DESCRIPTION  |  |   |  |   |  |  |  |
| <p>Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.</p>   |  |   |  |   |  |  |  |
| 15A. Name And Title Of Signer (Type or print)   |  |   |  | 16A. Name And Title Of Contracting Officer (Type or print)                                    |  |  |  |
| 15B. Contractor/Offeror<br><br><div style="border-top: 1px solid black; margin-top: 10px;">(Signature of person authorized to sign)</div>   |  | 15C. Date Signed  |  | 16B. United States Of America<br><br>By _____ /SIGNED/<br>(Signature of Contracting Officer)  |  | 16C. Date Signed   |  |
| NSN 7540-01-152-8070<br>PREVIOUS EDITIONS UNUSABLE  |  |   |  | 30-105-02   |  | STANDARD FORM 30 (REV. 10-83)<br>Prescribed by GSA FAR (48 CFR) 53.243 |  |

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SECTION A - SUPPLEMENTAL INFORMATION

1. The purpose of Amendment 0004 to Solicitation Number W52P1J-06-R-0150 is to incorporate the following actions:
  - A. Provide answers to questions posed since Amendment 0003 was issued. The questions and their respective answers are as follows:
 

Question: The current contract provides the contractor the opportunity to discontinue Jolt and Jumble (J&J) and TV testing at the boosted level after 3 consecutive LAT's. Is it the government's intent to invoke a similar clause in the current solicitation/contract.

ANSWER: J&J and TV testing at the booster level is required for all production lots. Discontinuing this required testing will be considered on a case-by-case basis after contract award.

Question: ECP R1Q2043, defining the warning label placement/condition as a critical characteristic, is invoked in the RFP. The IPT on the current contract has an action to review the validity of this ECP. How are we to proceed with costing out the implementation of the ECP into the solicitation when it is still being reviewed and questioned as to incorporation into the current contract?

ANSWER: Subject ECP is part of the current RFP and needs to be complied with. Government is considering this requirement, and the ECP may be changed prior to the proposal due date. If that should occur, offers will be provided ample time for proposal submission if necessary.

Question: What is the correct drawing number for Drawing 9246626? This drawing is not listed in the TDPL.

ANSWER: The correct drawing number is 9246226. However, the intent of this Engineering Exception is to highlight the obsolescence of QQ-P-35 which was cited in Note 6 - Finish 5.4.1 per MIL-STD-171. This Engineering Exception is captured entirely further down on the page where drawing 9246226, Note 5: MIL-H-6875 and Note 6: Change to read "Clean in accordance with ASTM A380, passivate in accordance with ASTM A967". Therefore, this entry, "DWG 9246626 in Note 6, QQ-P-35,....ASTM A380" should be deleted in its entirety.

Question: Drawing No. 9234583 is incorrect. This should read 9234683.

ANSWER: The Government concurs. The correct Drawing number should be 9234683.

Question: Under Drawing No. 9246240, there should be a change from "or MS16629-2016" to "MS16629-2106" and are the "replaced by" items correct?

ANSWER: The Government concurs that MS16629-2106 is the correct MS spec/part. However, MS16629 have been reinstated since the TDPL review. Thus, the replacement of the ASME parts are not required. Nonetheless, the replacement items, R273NAB...., would have been correct and applicable for use.

Question: The following on RFP Page 11 should be deleted: "7258943, MIL-STD-109, ISO 8402 or ANSI/ASQC 8402 and --."

ANSWER: The reference to replace MIL-STD-109 is actually in the MIL-S-23389 (Note 1 of 7258943). Therefore, the entry shall remain as is.
  - B. Incorporate the following changes to Section C, Clause CS6100, Drawings/Specifications. Section C, Clause CS6100, Drawings/Specifications has been changed and revised version is attached to this amendment.

On page 9:

- (1) Delete the following entirely "DWG 9246626 in NOTE 6 "QQ-P-35, FINISH 5.4.1" REPLACE BY "ASTM A380".
- (2) Add the following:
  - (a) DWG 8840607, NOTE 2: "MMM-A-100", Animal Glue Adhesive, has been replaced by ASTM D4317-98".
  - (b) DWG 8840607, NOTE 2: "MIL-E-463", Ethyl Alcohol, has been replaced by "A-A-59342".
  - (c) DWG 9246240, MS16629 HAS BEEN RE-INSTATED, THEREFORE EITHER THE MS PART(S) OF THE ASME PART(S) MAY BE USED.
- (3) "DWG 9234583" should read "DWG 9234683".
- (4) Under DWG 9246240, delete "MS16629-2016" and replace with MS16629-2106".

On Page 10:

|                           |   |                           |
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- (1) "DWG 9299241" should read "DWG 9299421"
2. The closing date for Solicitation Number W52P1J-06-R-0150 remains unchanged.
3. Except as provided herein, the balance of those terms, conditions, and requirements as specified in Solicitation Number W52P1J-06-R-0150, as amended to date, shall remain unchanged.

\*\*\* END OF NARRATIVE A 005 \*\*\*

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SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

For Local Clauses See: <http://www.afsc.army.mil/ac/aais/ioc/clauses/index.htm>

| <u>Status</u>        | <u>Regulatory Cite</u> | <u>Title</u>            | <u>Date</u> |
|----------------------|------------------------|-------------------------|-------------|
| C-1 CHANGED<br>LOCAL | 52.210-4501            | DRAWINGS/SPECIFICATIONS | MAR/1988    |

(a) In addition to the drawing(s) and/or specifications listed below, other documents which are part of this procurement and which apply to Preservation/Packaging/Packing and Inspection and Acceptance are contained elsewhere.

(b) The following drawing(s) and specifications are applicable to this procurement. Drawings and specifications in accordance with enclosed Technical Data Package Listing - TDPL 9395584 with revisions in effect as of 13 DEC 2005 (except as follows):

ENGINEERING EXCEPTIONS: The Following Engineering Exceptions Apply To This Procurement Action(s):

RFD R06J7076 dated 16 January 2006 has been approved for use under this contract (Attachment 017).

The following drawing revisions are hereby incorporated:

- 9246219 - Body, Inner, Right Half, Rev N - 3/28/2006 - sheet 1 of 2 (Attachment 018)
- 9246219 - Body, Inner, Right Half, Rev N - 3/28/2006 - sheet 2 of 2 (Attachment 018)
- 9246220 - Body, Inner, Left Half, Rev N - 3/28/2006 - sheet 1 of 2 (Attachment 019)
- 9246220 - Body, Inner, Left Half, Rev N - 3/28/2006 - sheet 2 of 2 (Attachment 019)
- 9246247 - Holder, Delay Element, Rev M - 2/07/2006 - sheet 1 of 1 (Attachment 020)

The Government is waiving the requirements for interplant shipments per paragraph 4.4.2.48 and 4.4.2.49 of MIL-F-50945; however, contractor will be responsible for obtaining the required final hazard classification from the Department of Transportation per 49 CFR 173.56 and comply with clause 52.247-4504, Transportation Security Requirements for Contractor-to-Contractor shipments.

PRODUCTION STATUS REPORT

DELAYED DELIVERY STATUS REPORT: The contractor shall prepare and submit a status report monthly for production deliveries (DI-MGMT-81255) and see clause HS6026, 52.242-4558.

Delete HCSDS #1.

1. Distribution Statement A applies to the Packaging Drawings.
2. Specification A-A-3183 shall be replaced by Master Painters Institute Detailed Performance Specification MPI #11, Exterior Latex, Semi-Gloss, MPI Level 5.
3. MIL-STD-109 shall be replaced by ISO 8402 or ANSI/ASQC 8402.
4. MIL-P-64012, "PACKAGING, PACKING AND MARKING FOR SHIPMENT OF ARTILLERY TYPE AND ROCKET FUZES: GENERAL SPECIFICATION FOR", is not applicable to this procurement. Packaging, packing, marking and unitization of the M935 fuzes shall be in accordance with the packaging drawings cited in Section B of the TDPL.
5. DOCUMENT                      ADD  
19-48-4116/157E      rev 01  
7255113                      rev -
6. DOCUMENT                      DELETE  
8796522                      X  
9390425                      X

7. The following paragraphs specify Performance Oriented Packaging (POP) Test and Heat Treatment of Wood requirements shall be included in this contract:

"Performance Oriented Packaging: Prior to shipment, the manufacturer shall make sure the container has been tested by a government approved Performance Oriented Packaging (POP) Test Laboratory for compliance with POP requirements in accordance with Title 49 Code of Federal Regulation. POP marking shall not be applied to the container until verified by the government. A copy of the POP test report

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for the M548 container can be requested from U.S. Army ARDEC, Attn: AMSRD-AAR-AIL-P (Bldg. 455), Picatinny Arsenal, NJ 07806-5000.

"Wood Packaging Materials - The following applies if heat-treatment of wood is specified in the contract: All non-manufactured wood used in packaging shall be heat treated to a core temperature of 56 degrees Celsius for a minimum of 30 minutes. The box, wood packaging, and pallet manufacturers shall be affiliated with an inspection agency accredited by the Board of Review of the American Lumber Standard Committee. An international source of wood must be accredited by an international certification authority by the U.S. Department of Agriculture. Each box shall be marked to show the conformance to the International Plant Protection Convention Standard. Boxes and any wood used as inner packaging made of non-manufactured wood shall be heat treated. The quality mark shall be placed on both ends of the outer packaging (between the encl cleats or battens if applicable). Quality marks for pallets shall be placed on two opposite end posts. Quality mark for wood unitization components shall be placed on two opposite sides."

ALL PRODUCT DRAWINGS ARE DISTRIBUTION STATEMENT A (UNLIMITED)

DWG 9299421 IN NOTE 2 TO READ "..LATCH SAFETY 9246232.." IN LIEU OF "9236232"

DWG 8840604, NOTE 2: MIL-C-21768 REPLACED BY ASTM B36, UNS NO. C22000.

DWG 8840607, NOTE 2: JAN-G-96 REPLACED BY MIL-G-96.  
NOTE 2: MMM-A-100, ANIMAL GLUE ADHESIVE, HAS BEEN REPLACED BY ASTM D4317-98  
NOTE 2: MIL-E-463, ETHYL ALCOHOL, HAS BEEN REPLACED BY A-A-59342

ON THE FOLLOWING DRAWINGS: 9231372, 9231373, 9231383, 9231384 AND 9231385: DELETE MIL-D-1000 REPLACED BY DOD-D-1000

DWG 9231373 NOTE 3: CHANGE APPROVED SOURCE OF SUPPLY TO : W.R.GRACE AND CO., GRACE DIVISION, 7500 GRACE DRIVE, COLUMBIA , MD21044, PART NO. RAREOXNO. 14, CODE 5080 REGULAR.

DWG 9231375: REMOVE NOTE 4 FROM THE DRAWING.

DWG 9231376, NOTE 3: MIL-N-244 REPLACED BY MIL-DTL-244.

DWG 9234579, NOTE 4: MIL-R-398 REPLACED BY MIL-DTL 398, TYPE II, CLASS 3.

DWG 9234581, NOTE 2: QQ-S-763 REPLACED BY SAE-AMS-QQ-S-763.

DWG 9234582, NOTE 2: MIL-W-52263 REPLACED BY ASTM A555 AND ASTM A581.

DWG 9234683, NOTE 2: MIL-R-398 REPLACED BY MIL-DTL 398, TYPE I OR TYPE II, CLASS 3.

DWG 9243921, NOTE 4: MIL-R-398 REPLACED BY MIL-DTL 398, TYPE I OR TYPE II, CLASS 3.  
NOTE 15: TT-S-271 REPLACED BY ASTM D237.

ON THE FOLLOWING DRAWINGS: 9246216, 9246219, 9246220, 9246232 AND 9246247: DELETE MIL-STD-171, FINISH 6.1.2 REPLACED BY ASTM D2092, METHOD B.

DWG 9246226, NOTE 5: MIL-H-6875 REPLACED BY SAE-AMS-H-6875.  
NOTE 6: CHANGE TO READ: "CLEAN IN ACCORDANCE WITH ASTM A380, PASSIVATE IN ACCORDANCE WITH ASTM A967."

DWG 9246240, NOTE 14: MIL-C-81562 REPLACED BY SAE-AMS-H 81562.  
MS51923 REPLACED BY NASM51923 (PART NO. MS15923-185)  
MS16629-1106 OR MS16629-2106 REPLACED BY ASME B18.24.3(PART NO. R273NAB0106NN056NNPF1, R273NAB0106NN056NNEF1 OR R273NAB0106NN056NDD1).  
MS16629 HAS BEEN RE-INSTATED, THEREFORE EITHER THE MSPART(S) OF THE ASME PART(S) MAY BE USED.

DWG 9255175, INGREDIENTS TABLE: MIL-E-463 REPLACED BY A-A-59342

DWG 9255259, CHANGE NOTE 2 TO READ: "MATERIAL: -ROLL FELT, CLASS 26R3, ASTM D2475 AND ASTM D461."

DWG 9255261, NOTE 4: MIL-G-4343 REPLACED BY SAE-AMS-G-4343  
MS28775 REPLACED BY SAE-AS28775 (PART NO'S. MS28775-015 AND MS28775-024).

DWG 9272251, NOTE 5: CHANGE APPROVED SOURCE OF SUPPLY TO: HENKEL ADHESIVES CO., 710 OHIO ST., BUFFALO, NY, 14203-3112, CAGE CODE: 77282, PART NO> PROXSEAL F9225N.

DWG 9298875, NOTE 2: PPP-T-60 REPLACED BY ASTM D4586, TYPE I, CLASS 1.  
NOTE 3: L-T-90 REPLACED BY A-A-113 TYPE I, CLASS B

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DWG 9299421: MS16562 REPLACED BY NASM16562 (PART NO. MS16562-190)  
MS39086 REPLACED BY NASM39086 (PART NO. MS39086-100)  
NOTE 2: CHANGE TO READ: "LATCH, SAFETY - 9246232"

DWG 12983043, NOTE 4: ASNI B46.1 REPLACED BY ASME B46.1

OBSOLETE THE FOLLOWING PARTS LISTS FOR THE TDP: 9243921, 9255256, 9234683, 9246240, 9246244, 9246262, 9246272, 9299421, 9246246 AND 9231376.

THE FOLLOWING ARE CHANGES TO CONSOLIDATE THE BALLISTIC TESTING OF MIL-F-50945D, AMENDMENT 9 AND MIL-F-48172, AMENDMENT 7.

CONSOLIDATED BALLISTIC FIRST ARTICLE TESTS FOR M935 FUZE

Arming Safety Test at 70 F (Chg 0, SQ) 12 (a)

Functioning Test at Charge 0, SQ  
At -50 F 30 (b)  
At 70 F 20 (b)  
At 145 F 30 (b)

Functioning Tests at Charge 4, SQ  
At -50 F 30 (b)  
At 70 F 20 (b)  
At 145 F 30 (b)

Transportation Vibration Tests at 70 F  
Charge 0, SQ 20 (b)  
Charge 4, SQ 20 (b)  
Charge 0, Delay 5 (c)

Funtioning Tests at 70 F, Delay  
Charge 0 10 (c)  
Charge 4 15 (c)

TOTAL SAMPLES TESTED = 242  
(a) No fuzes shall function at 100 meters impact point  
(b) Total samples 200; 4 duds allowed  
(c) no prematures allowed; all other defects info only

CONSOLIDATED BALLISTIC LOT ACCEPTANCE TESTS FOR M935 FUZE UNTIL 3 CONSECUTIVE LOTS PASS TEST

Arming Safety Test at 70 F (Chg 0, SQ) 12 (a)

Functioning Test at Charge 0, SQ  
At -50 F 20 (b)  
At 70 F 20 (b)  
At 145 F 20 (b)

Functioning Tests at Charge 4, SQ  
At -50 F 20 (b)  
At 70 F 20 (b)  
At 145 F 20 (b)

Transportation Vibration Tests at 70 F  
Charge 0, SQ 10 (c)  
Charge Maximum, SQ  
Charge 0, Delay

Funtioning Tests at 70 F, Delay  
Charge 0 5 (d)  
Charge 4 5 (d)

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TOTAL SAMPLES TESTED Total = 152  
(a) No fuzes shall function at 100 meters impact point  
(b) Total samples 120; 3 duds allowed, 0 prematures  
(c) One dud allowed, 0 prematures  
(d) no prematures allowed; all other defects info only

BALLISTIC LOT ACCEPTANCE TESTS FOR M935 FUZE AFTER THREE CONSECUTIVE SUCCESSFUL LOTS

Arming Safety Test at 70 F (Chg 0, SQ) 12 (a)

Functioning Test at Charge 0, SQ  
At -50 F 15 (b)  
At 70 F 10 (b)  
At 145 F 15 (b)

Functioning Tests at Charge 4, SQ  
At -50 F 15 (b)  
At 70 F 10 (b)  
At 145 F 15 (b)

Transportation Vibration Tests at 70 F  
Charge 0, SQ 10 (c)  
Charge Maximum, SQ  
Charge 0, Delay

Funtioning Tests at 70 F, Delay  
Charge 0 5 (d)  
Charge 4 5 (d)

TOTAL SAMPLES TESTED Total = 112  
(a) No failures allowed  
(b) Total 80; two duds allowed  
(c) One dud allowed, 0 prematures  
(d) no prematures allowed; all other defects info only

MIL-F-50945D, WITH AMENDMENT 9, PARAGRAPH 4.4.2.47, DELETE UNDER CONTRACTOR FACILITY, "CRITICAL I - 1. JOLT AND JUMBLE ... 12 (a) ...3.10 ... 4.5.10" IN ITS ENTIRETY

| DOCUMENT:  | DELETE:     | REPLACE WITH:              | ADD:    |
|------------|-------------|----------------------------|---------|
| 7258943    | MIL-STD-109 | ISO 8402 or ANSI/ASQC 8402 | - -     |
| 9201172    | QQ-S-633    | ASTM A575                  | - -     |
| EL 8840605 | - -         | - -                        | 7255113 |

9200390. The proper Sleeve is 7259412, a metal aluminum Sleeve, which was referenced in a Contractor style drawing of the same Test Fixture. ADD 7259412.

(End of statement of work)

(CS6100)